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U. S. DEPARTMENT OF AGRICULTURE.

DIVISION OF PUBLICATIONS.

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## INDEX TO AUTHORS

WITH

TITLES OF THEIR PUBLICATIONS

APPEARING IN THE DOCUMENTS OF THE

# U. S. DEPARTMENT OF AGRICULTURE,

1841 to 1897.

BY

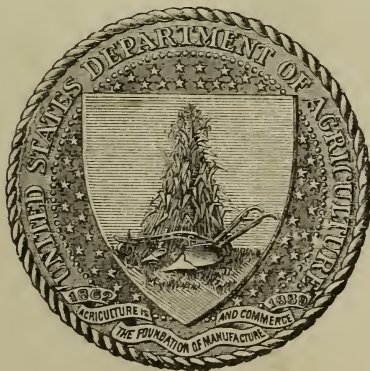
GEO. F. THOMPSON,

*Assistant in Charge of Document Section, Division of Publications.*

Under direction of

GEO. WM. HILL,

*Chief of Division of Publications.*



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## LETTER OF TRANSMITTAL.

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U. S. DEPARTMENT OF AGRICULTURE,  
DIVISION OF PUBLICATIONS,  
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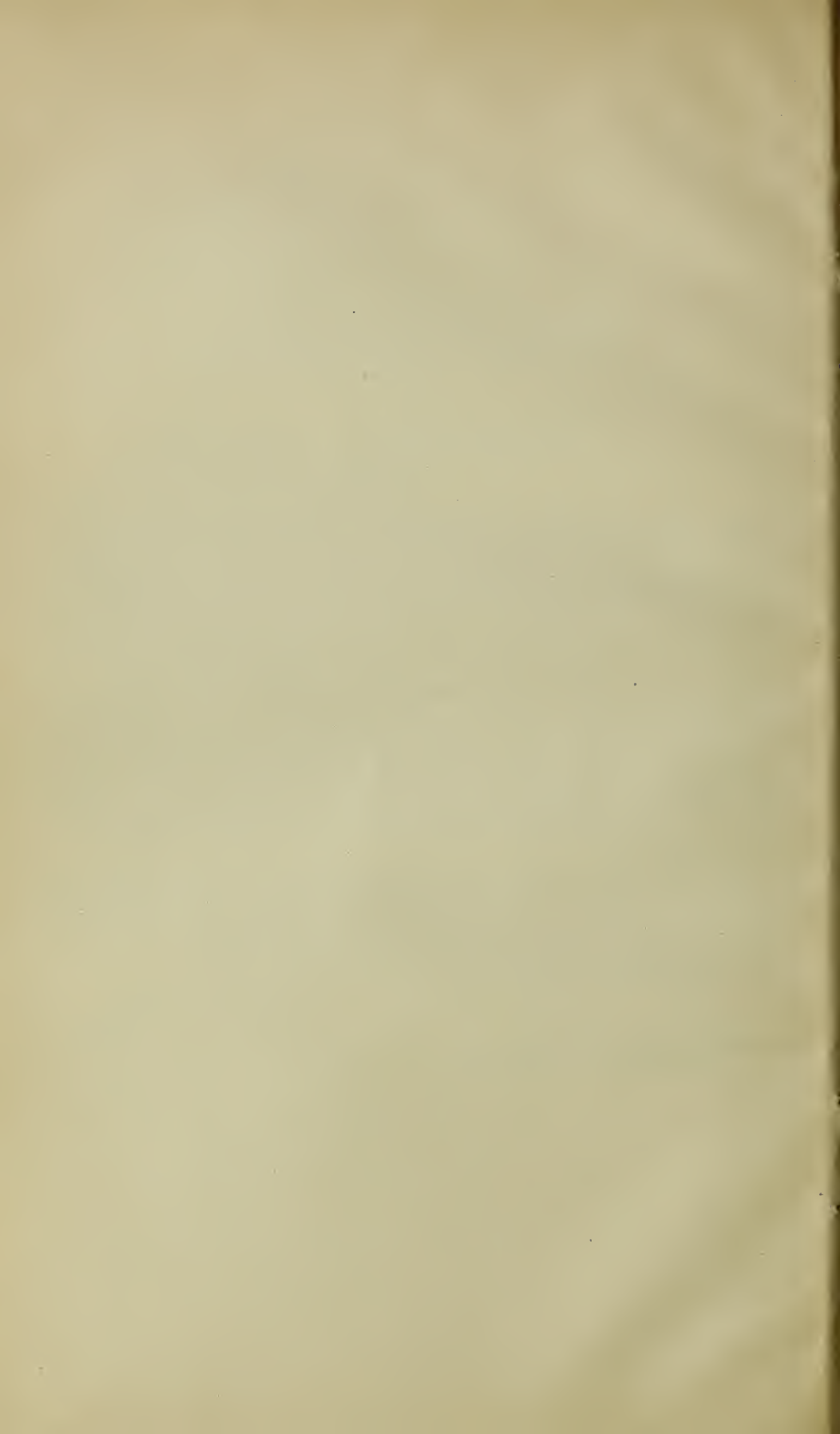
SIR: I have the honor to transmit for publication as Bulletin No. 4 of the Division of Publications an Index to Authors with Titles of their Publications Appearing in the Documents of the Department of Agriculture from 1841 to 1897, inclusive; the agricultural reports published previous to 1862 as a part of the Patent Office reports being considered for the purposes of this work as agricultural reports. This index was prepared by Mr. George F. Thompson while assistant in charge of the document section of this Division, but it is due to him to say that while it thus appears properly, as the title-page shows, under the direction of the chief of this Division, the greater part of the work was actually done by Mr. Thompson outside of the regular business hours, and both the suggestion and the plan of the work are largely his own.

The difficulties experienced by this Division during the past two years in its effort to answer all inquiries relating to the Department publications give assurance of the usefulness of the present publication and invite further effort in the direction of index work.

Very respectfully,

GEO. WM. HILL,  
*Chief.*

Hon. JAMES WILSON,  
*Secretary of Agriculture.*





## PREFACE.

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In the Document Section, where requests for publications receive attention, a constant necessity exists for indexes of all series of the Department publications. This necessity is all the more apparent since the Division of Publications, on taking up the work of the Document Section, determined upon the policy of replying specifically to every communication received. These requests came in all manner of forms—sometimes by the number of the document, sometimes by its title, sometimes by the author's name, and sometimes by vague reference to the subject-matter. This catalogue of authors and their titles is the outgrowth of this necessity, but of course it only partially answers the requirements of complete reference books of the Department publications.

Although a conscientious effort has been made to include every author and his title, except the brief and unimportant letters appearing in the earlier agricultural reports, the hope can hardly be indulged that the catalogue is free from errors of omission; however, the hope is indulged that the errors are so few as not to impair its usefulness.

There is in the documents issued by this Department a vast amount of literature which bears no signature. There are many such articles in the annual reports and the reports of the Statistician. Of course such articles are not mentioned in an author's catalogue. Neither can proper credit be given here to a large amount of the work done on the Experiment Station Record and the seven volumes of Insect Life.

The plan of the work is to give a synopsis only where it is necessary to explain what is not clearly shown in the title. Sometimes such a title could not be framed, and in other instances there evidently was no effort to give the article a proper heading.

Previous to 1862 the agricultural reports were published as a part of the Patent Office Reports, but in this work, as in previous indexes, they are all considered as Agricultural Reports.

A key to the abbreviations used in the references is given. Articles which are without heads are supplied by myself, and are indicated by being inclosed in brackets.

GEO. F. THOMPSON.

## LIST OF ABBREVIATIONS.

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Ag.....	Agriculture.	Lib .....	Library.
Agros .....	Agrostology.	Misc .....	Miscellaneous.
B. A. I.....	Bureau of Animal Industry.	Mo.....	Monthly.
Biol. Surv..	Division of Biological Survey.	Mo. W. R.....	Monthly Weather Review.
Bot .....	Botany.	N. A. Fauna .....	North American Fauna.
Chem.....	Division of Chemistry.	Nat .....	National.
Cont.....	Contributions.	n. s.....	new series.
Cot.....	Cotton.	O. E. S....	Office of Experiment Stations.
Dis.....	Diseases.	O. and M...	Division of Ornithology and
Doc .....	Document.	Mammalogy.	
Ent.....	Division of Entomology.	Path .....	Pathology.
Ent. Com...	U. S. Entomological Commis-	Pom .....	Pomology.
sion.		Pubs .....	Division of Publications.
E. S. R.....	Experiment Station Record.	Rpt .....	Report.
Ex .....	Executive.	S .....	Senate.
F. B.....	Farmers' Bulletin.	s .....	series
Fiber....	Office of Fiber Investigations.	Soils .....	Division of Soils.
For .....	Forestry.	Spl.....	Special.
For. Mkts...	Section of Foreign Markets.	Stat .....	Statistician.
H .....	House of Representatives.	t. s.....	technical series.
Herb .....	Herbarium.	Unnum .....	Unnumbered.
I. L.....	Insect Life.	Veg .....	Vegetable.
Inq .....	Inquiry.	W. B .....	Weather Bureau.
Irrig.....	Irrigation.	W. R .....	Weather Review
Jour. Mycol.....	Journal of Mycology.	Y. B.....	Yearbook.

## INDEX TO AUTHORS WITH TITLES OF THEIR PUBLICATIONS.

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Determination of the true amount of precipitation and its bearing on theories of forest influences. For. Bul. No. 7, pp. 175-186. 1893.

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### Abbott, L. S.

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Aids to cattle feeding. Ag. Rpt. 1866, pp. 211-215.

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### Adams, Mrs. L. B.

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### Aiken, D. Wyatt.

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A review of recent work on dairying. E. S. R., vol. 5, pp. 943-974 1043-1069. 1894.

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Our highways: Their construction and maintenance. Road Inq. Bul. No. 11, pp. 32-34. 1895.

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Ashley, J. B.

[Report on farm crops, etc., in Illinois.] Ag. Rpt. 1850, pp. 402-404.



Ashmead, William H.

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Introduction—Operations of the Office of Experiment Stations—Work of the year—Publications of the Office of Experiment Stations—Publications in course of preparation—Collection of statistics and historical data—Work for the coming year—The indication of special lines of inquiry to be pursued by the stations—The work of the stations—Some features of the work of the California stations—Fertilizers—The wants of different soils—Official examinations of fertilizers—Fertilizer analysis—Improvement in commercial fertilizers—Home-mixed fertilizers—Ashes as a fertilizer—Field experiments with fertilizers—Soil tests by farmers—Differences in soils and crops as to plant food needed—Potash in fertilizers—Potash on the blue-grass soils of Kentucky—Tests of varieties—Alfalfa—Silos and silage—Experiments in swine feeding—Cotton-seed hulls and meal as feeding stuffs—Better cows for the dairy—Dairying—Butter making—Creameries—Seed testing—Hardy fruits—The dehorning of cattle—Statistics of the stations—Lines of work pursued at the stations—List of agricultural schools and colleges in the United States—Agricultural colleges recently organized—Farmers' institutes—Growth and status of the experiment station enterprise in the United States—Difficulties and dangers—Promise of success of the experiment station enterprise.

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## Glover, Townend—Continued.

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